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(54) Title: DEVICE FOR IMPLEMENTING A RNC USING LVDS

BSC ACP **HDSB** CCP/CSB (Alarm Control (High Capacity Data (Call Control Selector Bank) Processor) Processor) LTIA LTIA LTIA Duplication Duplication Duplication LR (2.5G ATM Switch, LVDS 16x2port) LR Control (ATM switch Interconnection Subsystem) CPXA Processor Cross Duplication Cross Duplication Cross A Duplication LTIA LTIA **LSIA HTSB ATB** (High Capacity (ATM Trunk **CPXA** Block) Transcoder & Selector Bank) 128) 1043 EL(ATM) EL (PCM) STM-1 (ATM) Duplication **BTS** GR

MSC

(57) Abstract: device Α implementing a RNC is provided with an interface interfacing between sub-systems of a system for the RNC. The interface uses cross duplication dualizing interfacing method. In the device of the present invention, the data transmission between the sub-systems is performed in the form of LVDS signals converted from ATM UTOPIA Further, the active pass link of two interfaces is switched, while outputs are transmitted from the active pass link to two interfaces.

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